

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| S88   | 265  | weighting and symbol near2 decisions and @ad<="20001214"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/03/10 14:57 |
| S94   | 170  | two near2 equaliz\$5 same feedback and @ad<="20001214"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/03/10 15:01 |
| S93   | 3426 | two near2 equaliz\$5 and @ad<="20001214"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/03/10 15:01 |
| S92   | 57   | twice near2 equaliz\$5 and @ad<="20001214"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/03/10 15:01 |
| S95   | 11   | two near2 equaliz\$5 same feedback same impulse and @ad<="20001214"                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/03/10 15:32 |
| S96   | 94   | two near2 equaliz\$5 with feedback and @ad<="20001214"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/03/10 17:26 |
| S98   | 1    | iterative adj2 channel and iterative adj2 signal and @ad<="20001214"                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/03/10 17:27 |
| S97   | 1    | iterative adj2 channel adj2 estimation and iterative adj2 signal adj2 equalization and @ad<="20001214" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/03/10 17:27 |
| S100  | 4    | iterative and re-equal\$8 and @ad<="20001214"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/03/10 17:29 |
| S101  | 2    | (US-6690723-\$ or US-6356555-\$). did.   | USPAT   | OR               | ON      | 2005/03/10 17:30 |

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| S10<br>2 | 2  | (US-6690723-\$ or US-6356555-\$).<br>did. and re-equalization and<br>impulse near2 response | USPAT   | OR | ON | 2005/03/10 17:33 |
| S10<br>7 | 0  | (US-6690723-\$ or US-6356555-\$).<br>did. and relibili\$6                                   | USPAT   | OR | ON | 2005/03/10 17:35 |
| S10<br>6 | 2  | (US-6690723-\$ or US-6356555-\$).<br>did. and converg\$5                                    | USPAT   | OR | ON | 2005/03/10 17:35 |
| S10<br>5 | 0  | (US-6690723-\$ or US-6356555-\$).<br>did. and diverg\$6                                     | USPAT   | OR | ON | 2005/03/10 17:35 |
| S10<br>4 | 0  | (US-6690723-\$ or US-6356555-\$).<br>did. and divergence                                    | USPAT   | OR | ON | 2005/03/10 17:35 |
| S10<br>3 | 2  | (US-6690723-\$ or US-6356555-\$).<br>did. and re-equalization and<br>feedback               | USPAT   | OR | ON | 2005/03/10 17:35 |
| S53      | 0  | "20020057640".URPN.   | USPAT   | OR | ON | 2005/03/10 18:31 |
| S11<br>2 | 1  | "20010004390".did. and diver\$5   | US-PGPUB;<br>USPAT                                      | OR | ON | 2005/03/10 18:32 |
| S11<br>1 | 0  | "20010004390".did. and iteration  | USPAT   | OR | ON | 2005/03/10 18:32 |
| S10<br>9 | 0  | "20010004390".did. and diver\$8   | USPAT   | OR | ON | 2005/03/10 18:32 |
| S10<br>8 | 0  | "20010004390".did. and diver\$5   | USPAT   | OR | ON | 2005/03/10 18:32 |
| S99      | 2  | iterative and reequal\$8 and<br>@ad<="20001214"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/10 18:45 |
| S11<br>5 | 7  | dfe with training and<br>@ad<="20001214" and reliability                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/11 10:21 |
| S11<br>4 | 89 | dfe with training and<br>@ad<="20001214"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/11 10:21 |
| S11<br>6 | 7  | dfe with training and<br>@ad<="20001214" and reliabil\$5                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/11 10:29 |
| S12<br>0 | 1  | "20010004390".did. and equaliz\$7   | US-PGPUB;<br>USPAT                                      | OR | ON | 2005/03/11 10:55 |
| S11<br>9 | 0  | "20010004390".did. and dfe  | US-PGPUB;<br>USPAT                                      | OR | ON | 2005/03/11 10:55 |

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| S11<br>8 | 33 | dfe with channel near3 estimat\$5<br>and @ad<="20001214"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/11 10:55 |
| S11<br>7 | 54 | dfe with training and<br>@ad<="20001214" and impulse<br>near2 response   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/11 10:55 |
| S11<br>0 | 0  | "20010004390".did. and conver\$8   | USPAT   | OR | ON | 2005/03/11 10:55 |
| S11<br>3 | 18 | turbo with channel near2 estim\$7<br>and @ad<="20001214"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/11 10:58 |
| S12<br>2 | 29 | (US-20010017904-\$ or<br>US-20030189992-\$ or<br>US-20020067774-\$).did. or<br>(US-4701936-\$ or US-5293401-\$ or<br>US-5331662-\$ or US-5995568-\$ or<br>US-6047023-\$ or US-6108388-\$ or<br>US-6263030-\$ or US-6304995-\$ or<br>US-6459728-\$ or US-6539067-\$ or<br>US-6557139-\$ or US-6662337-\$ or<br>US-6748031-\$ or US-5031194-\$ or<br>US-6690723-\$ or US-6356555-\$ or<br>US-6625179-\$ or US-6377607-\$ or<br>US-6661857-\$ or US-6535554-\$ or<br>US-6118832-\$ or US-5513215-\$).<br>did. or (WO-143290-\$).did. or<br>(EP-535403-\$ or EP-605955-\$ or<br>EP-701334-\$).did.                   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT                  | OR | ON | 2005/03/11 11:22 |
| S12<br>3 | 11 | ((US-20010017904-\$ or<br>US-20030189992-\$ or<br>US-20020067774-\$).did. or<br>(US-4701936-\$ or US-5293401-\$ or<br>US-5331662-\$ or US-5995568-\$ or<br>US-6047023-\$ or US-6108388-\$ or<br>US-6263030-\$ or US-6304995-\$ or<br>US-6459728-\$ or US-6539067-\$ or<br>US-6557139-\$ or US-6662337-\$ or<br>US-6748031-\$ or US-5031194-\$ or<br>US-6690723-\$ or US-6356555-\$ or<br>US-6625179-\$ or US-6377607-\$ or<br>US-6661857-\$ or US-6535554-\$ or<br>US-6118832-\$ or US-5513215-\$).<br>did. or (WO-143290-\$).did. or<br>(EP-535403-\$ or EP-605955-\$ or<br>EP-701334-\$).did.) and reliability | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT                  | OR | ON | 2005/03/11 11:23 |

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| S12<br>4 | 9  | ((US-20010017904-\$ or<br>US-20030189992-\$ or<br>US-20020067774-\$).did. or<br>(US-4701936-\$ or US-5293401-\$ or<br>US-5331662-\$ or US-5995568-\$ or<br>US-6047023-\$ or US-6108388-\$ or<br>US-6263030-\$ or US-6304995-\$ or<br>US-6459728-\$ or US-6539067-\$ or<br>US-6557139-\$ or US-6662337-\$ or<br>US-6748031-\$ or US-5031194-\$ or<br>US-6690723-\$ or US-6356555-\$ or<br>US-6625179-\$ or US-6377607-\$ or<br>US-6661857-\$ or US-6535554-\$ or<br>US-6118832-\$ or US-5513215-\$).<br>did. or (WO-143290-\$).did. or<br>(EP-535403-\$ or EP-605955-\$ or<br>EP-701334-\$).did.) and reliability<br>and channel near3 estimat\$7 | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT                  | OR | ON | 2005/03/11 11:24 |
| S12<br>1 | 22 | dfe with channel near2 estim\$7 and<br>@ad<="20001214"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/11 13:05 |
| S12<br>6 | 6  | weight\$3 with channel near2<br>estim\$7 with reliabil\$6 and<br>@ad<="20001214"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/11 13:06 |
| S12<br>5 | 6  | weight\$3 with channel near2<br>estim\$7 with reliability and<br>@ad<="20001214"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/11 13:06 |
| S90      | 2  | "20010004390".did. and iterati\$7  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/11 13:38 |
| S12<br>8 | 1  | "20010004390".did. and inverse\$5  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/11 13:53 |
| S12<br>9 | 1  | "20010004390".did. and<br>separate\$65   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/11 14:41 |
| S12<br>7 | 1  | "20010004390".did. and effects   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/11 14:41 |